



Save the Children

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16th January 2002

Dear Sir/Madam,

Final Project Report
Emergency Immunisation Campaign in North Darfur State – Republic of Sudan
HDA-G-00-01-00082-00 (SC UK ref – USAID/1810/3423)

Please find enclosed, a narrative and financial report, for the award mentioned above, covering the period from June 22nd 2001 to September 30th 2001. Copies of this report have been distributed as listed below.

Organisation	Recipient	Narrative Report	Financial Report	SF 269a and SF270
USAID Washington	Bart Deemer	3	1	1
	Georgia Beans		1	1
	OFM		3	Orig. + 2
	Dev. Exp. Clearinghouse	1		

Please do not hesitate to contact me should you require any further information.

Yours sincerely,

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Programme Funding Administrator

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Save the Children - UK

FINAL REPORT TO OFDA

***Emergency Immunisation Campaign
in North Darfur State,
Republic of the Sudan***

November 2001

EXECUTIVE SUMMARY:

Organisation: Save the Children United Kingdom
Date: November 13th 2001
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Programme Title: Emergency Immunisation Campaign in
North Darfur
Cooperative Agreement/Grant Number: HAD-G-00-01-00082-00
Country/Region: North Darfur State, the Republic of
the Sudan
Disaster/hazard: Drought
Period of activity: Three Months;
June 22 to 30th September 2001
Budget allocated by OFDA: \$ 173,365

In order to prevent excess morbidity and mortality amongst malnourished children residing in the targeted thirteen drought affected rural councils of North Darfur, with funding from OFDA and free vaccines from UNICEF a mass measles vaccination was implemented by save the children in collaboration with the state MOH. The mass vaccination was started in June 2001, and a total of 121,958 children were vaccinated against measles. The coverage rate is calculated to be 87.1% of the entire target group. As a result of this vaccination the outbreak of measles and sporadic cases that were recorded prior to the vaccination campaign were put under control and till date no major outbreak of measles was recorded in North Darfur State.

The initial vaccination round took less than 20 days to complete the vaccination of all the children, and children vaccinated at the age 6 months were revaccinated after 3 months thus ensuring life long immunity to measles.

A total of 1822 villages in 687 village councils were covered by the project, which is 99% of all the target villages as set out in the proposal. A total of 132,768 doses of vaccines were utilised with only 10,785 doses or 8% wasted.

To implement, the programme staff from the state MOH were seconded to Save the Children UK and the required vaccine needles and cold chain equipment were provided by UNICEF.

Though planned at the planning stage vitamin A was not distributed during the current vaccination campaign as all the children aged 0-5 years were provided with Vitamin A in late April during the mass polio vaccination campaign of the state MOH and WHO.

OBJECTIVE

" Prevent a measles outbreak in vulnerable areas of North Darfur during period June - October 2001"

The project has vaccinated 87.1% of all the target group which is 121,958 children below the age of five years and thereby has managed to avert the occurrence of measles outbreak in the targeted 13 drought affected rural councils of North Darfur state during the period June to date. During the period June 21st till November a total of only 53 cases of measles were reported, and these cases were amongst children above 5 years of age who were not vaccinated.

Indicator and current measure

- ◆ *Measles coverage of >80% of the target population by July 2001.*

The project has managed to vaccinate 121,958 children, which is 87.1% of the target population.

- ◆ *Timely and effective response to measles outbreaks in targeted areas during the period June - August 2001.*

During the project period a total of only 53 children contracted measles and the project responded by extending the target age group and thus averting the spread of measles amongst unvaccinated children in the locality.

Surveillance system used for recording measles cases were

- ◆ Routine morbidity reports received from health clinics.
- ◆ Local councils' immunization mobile team reports.

- ◆ Cases of measles were also actively monitored by the emergency supplementary feeding project that is currently carried out in 10 rural councils with partial funding from OFDA.
- ◆ Nutrition surveys¹, a retrospective report on measles cases will also be incorporated in December.

Resources:

Budget for Objective: \$ 173,365

Expended this period: \$ 168,201

Cumulative Expenditure to Date: \$ 168,201

Balance: \$ 5,164

¹ The post intervention state wide nutritional survey is planned to take place during the second week of December when the current ongoing feeding project comes to an end.

PROGRAMME OVERVIEW

A - The Goal of the programme as stated in the proposal:

"To have prevented an increase in mortality from measles in areas of severe food shortages in North Darfur during the period June 2001."

Objective/Purpose of the Programme

"To prevent a measles outbreaks in vulnerable areas of North Darfur during the period June - October 2001."

B - profile of target population:

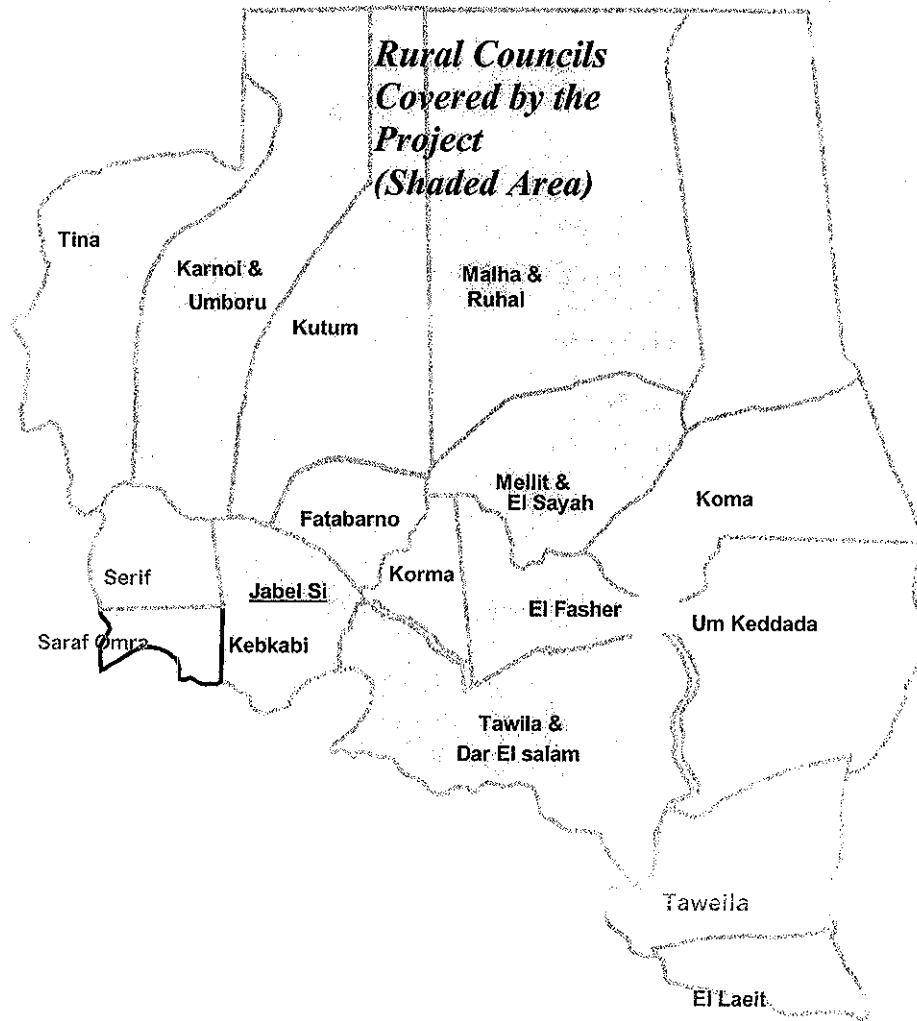
The programme target group as set in the proposal was 149436 children; this amounts to all children between 6 months and 5 years in 13 food insecure rural councils. The implementation plan was to achieve 100% coverage but the objective was to reach at least 80% coverage. This is according to WHO guidelines for measles prevention. In the few villages where there was measles outbreak the project responded by vaccinating all children from 6 months to 12 years as recommended by the SPHERE guidelines on measles immunization in emergencies.

The rural Councils to be covered and estimated number of under-five years children for the mass measles vaccination were as follows:

Rural Council	Total Pop	Children < 5 yrs
N. El Fasher	88789	15524
S. El Fasher	99856	15035
Dar el Salaam	124100	18360
Mellit	73061	17159
El Sayah	32786	6300
Umborow	64553	10377
Karnoy	48297	6109
El Tina	24509	4075
Fata Barno	65236	19045
Kutum RC	77655	14115
Kutum Town	9286	2404
El Ruhai	55963	1525
Jebelsi	77919	19408
Total	842010	149436

C - Geographic location of the project:

North Darfur State



PROGRAMME PERFORMANCE:

At the start of the project a letter of understanding was signed with MoH EPI department and UNICEF for the secondment of qualified and experienced staff to Save the Children and the supply of measles vaccines and supplies. Senior health staffs (four) with previous experience in organisation and execution of similar mass vaccination campaigns were recruited as supervisors from the EPI department

Under the senior supervisors 13 junior supervisors i.e. one per rural council were further recruited from the EPI division of each rural council and were provided training by the Save the Children project coordinator and the supervisors. A total of 78 vaccination teams (with a team leader, two vaccinators and a driver in each team) were then organised and training provided. A total of six teams were assigned per rural council.

The central vaccine warehouse in El Fasher Town was upgraded and the required vaccines for the vaccination were transported by the project to each rural council dispensary where the rural councils' supply was stored. To ensure the potency of the vaccines each dispensary cold chain equipment was maintained and the required consumable spare parts were purchased and supplied. As most of the cold chain equipment relies on kerosene the project also provided an adequate amount of kerosene to each dispensary. Each team was also allocated with the required icebox to transport the vaccines to the villages with an additional cold box full of ice.

Enough quantity of vaccine carriers was also made available to each of the vaccinators.

To ensure that the community is aware of the vaccination campaign and to raise awareness on the need of the vaccination and to bring out their children during the vaccination day's adequate use was made of the local radio in Fasher. There was regular transmission of health messages and the schedule of the vaccination at prime time over the radio before the start of the campaign and till the last date of the vaccination. Community leaders were also provided support and information to pass on to their community about the importance of the vaccination and to alert the community about the dates that the vaccinators will visit the village.

The vaccination team also made use of rented microphones before starting the vaccination by driving around the village and making announcements and requesting parents to bring out their children.

Vaccinations took place at health facilities where they existed and any other facility where there were none. Schools, big houses, local administration offices and even open spaces under trees were used to provide the vaccination sessions by the vaccination teams in remote villages.

A profile for each vaccinated child was maintained and the following were recorded at the time of vaccination; Name, age, vaccination status, address, and name of mother were recorded separately for each village.

1/ Coverage Per Village Council and Villages:

Local Council	Total No. of Village Council	Village Council Covered	%	Total No. of Village s	Village s Covered	%
Mellit	64	64	100	97	97	100
El Sayah	25	25	100	125	125	100
El Fasher North	-	-	-	52	52	100
El Fasher South	-	-	-	60	60	100
Dar El Salaam	66	66	100	342	342	100
Kutum Town	17	17	100	21	21	100
Kutum Rural C	115	115	100	392	392	100
Fata Barno	93	93	100	220	220	100
Um Barrow	53	53	100	139	139	100
Karnoy	67	67	100	164	161	98
Tina	21	21	100	47	47	100
Al Ruhal	13	13	100	13	13	100
Jabalsi	153	153	100	153	153	100
TOTAL	687	687	100	1825	1822	99.8

2/ Targets and Coverage:

Local Council	Total Populati on	Children <5 yrs Covered in last NIDs ²	Target For Measles Campaign	Coverage current (OFDA) campaign	%
Mellit	73061	19008	15443	15342	99.3
El Sayah	32786	6214	5670	5684	100.2
El Fasher N	88789	15693	13972	10288	73.6
El Fasher S	99856	16704	13531	10440	77.2
Dare salaam	124100	29469	22115	22375	101
Kutum Town	9286	2638	2164	1938	89.6
Kutum Rural	77655	16003	12703	12251	96.5
Fata Barno	65236	18017	17140	12225	71.3
Um Barrow	64553	9538	9339	6049	64.8
Karnoy	48297	5798	5498	6281	114.2
Tina	24509	4420	3667	3925	107
Al Ruhal	55963	1637	1372	1277	93
Jabalsi	77919	20209	17475	13883	79.4
TOTAL	842010	165348	140089	121958	87.1

3/ Measles cases Reported During the Project Period:

Local Council	Measles Cases	Vaccination Status	
		Fully Vaccinated	Not Vaccinated
Mellit	3	-	3
El Sayah	8	-	8
El Fasher North	8	-	8
El Fasher South	-	-	-
Dar El Salaam	-	-	-
Kutum Town	12	-	12
Kutum Rural C.	-	-	-
Fata Baro	6	-	6
Um Barrow	2	-	2
Karoy	14	-	14
Tina	-	-	-
Al Ruhal	-	-	-
Jabalsi	-	-	-
TOTAL	53	-	53

² NIDs – National Immunisation Days for Polio Eradication Campaign

4/ Vaccine Use and Supply:

Local Council	Doses Ordered	Doses Used	Doses Returned	Doses Wasted	% wastage
Mellit	20000	17480	2520	2138	12.2
El Sayah	8000	6440	560	756	11.7
El Fasher North	15000	10650	4350	362	3.4
El Fasher South	15000	10600	4400	160	1.5
Dar El Salaam	31000	25000	6000	2625	10.5
Kutum Town	2160	2080	80	142	6.8
Kutum Rural	16000	12500	3500	249	2
Fata Barno	17500	14000	3500	1750	12.5
Um Barrow	11240	6490	4750	441	6.8
Karnoy	8250	7440	810	1159	15.6
Tina	6050	4100	1950	1.2	4.3
Al Ruhal	2000	1550	450	273	17.6
Jabalsi	16000	14438	1562	555	4
TOTAL	168200	132768	34432	10611.2	7.9

RESOURCE USE/EXPENDITURES

A- brief summary of resources committed

The total cost of the project was \$173,365 (see budget breakdown) Expenditures were incurred on the following

Staff salaries.

Administrative Costs.

Transport

Supplies and Equipment

B- table budget breakdown³

³ See annex one for detailed financial statement